

## A new species of *Pilactium* from Oregon

(Coleoptera: Pselaphidae)

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The genus *Pilactium* Grigarick and Schuster, 1970 was created for the single species, *summersi*, which was found in several localities in the mountains of northern California. The following is a description of a second species, collected in the mountains of southwest Oregon.

### *Pilactium benedictae*, new species (Figs. 1-3)

Male. — (holotype slide-mounted). Head  $236\mu$  long,  $280\mu$  wide; vertexal foveae  $101\mu$  between centers. Ventral surface of head with numerous capitate setae arising on tubercles; gular foveae  $54\mu$  apart. Eyes moderate, about 8 facets across. Antenna  $426\mu$  long; segment I  $52\mu$  long x  $41\mu$  wide; II  $46\mu$  x  $38\mu$ ; III-VI  $87\mu$  x  $29\mu$ ; VII  $25\mu$  x  $33\mu$ ; VIII  $41\mu$  x  $26\mu$ ; IX  $29$  x  $44\mu$ ; X  $30\mu$  x  $51\mu$ ; XI  $94\mu$  x  $62\mu$ , with normal acuminate and large tubular setae.

Pronotum  $209\mu$  long,  $313\mu$  wide. Elytron  $413\mu$  long,  $265\mu$  wide; with 1 sutural, antebasal and subhumeral foveae. Brachypterous. Protrochanter with short, blunt median spine; profemur  $265\mu$  long x  $84\mu$  wide, 25-30 specialized setae on center one-half of segment; mesofemur  $210\mu$  x  $75\mu$ ; metafemur  $295\mu$  x  $69\mu$ . Mesocoxal cavities open. Specialized setae behind metacoxae.

First visible tergite  $192\mu$  long,  $310\mu$  wide at base, with numerous specialized setae  $207\mu$  across center between basolateral foveae (fig. 3); II  $136\mu$  long; III  $130\mu$  long; IV  $88\mu$  long. Sternite II with numerous specialized setae along entire basal margin; basolateral foveae present. Sternites II, III with longitudinal row of specialized setae on apical one-half of segment about  $73\mu$  from lateral margins; VI with circular group of specialized setae on median apical margin (fig. 2). Penial plate  $100\mu$  long x  $87\mu$  wide. Genitalia  $196\mu$  long x  $100\mu$  wide (fig. 1).

Male paratype (point-mounted). Red-brown. Length 1.34 mm, width 0.43 mm.

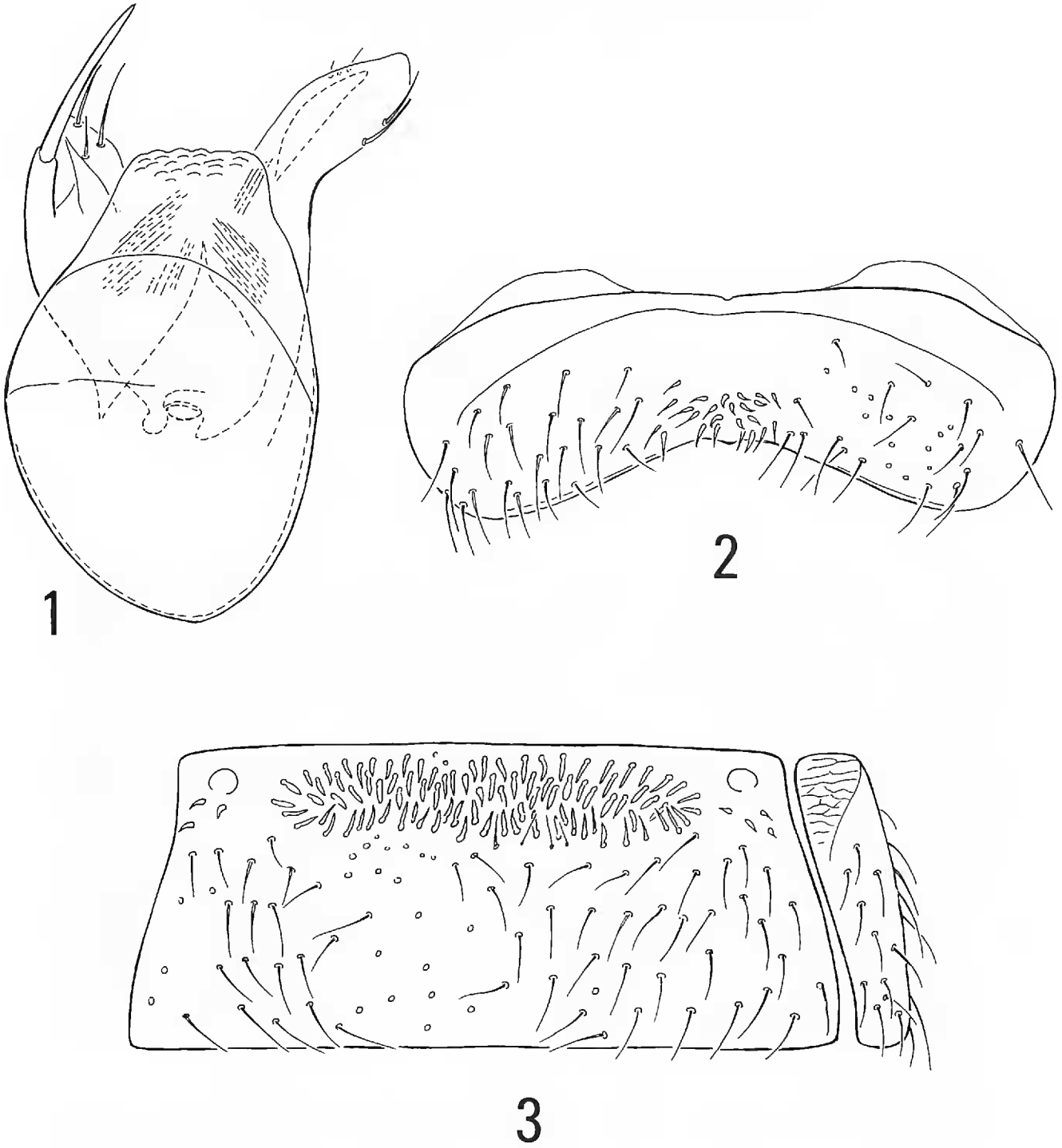
Female unknown.

Distribution. — The male holotype and two male paratypes were collected at Soda Mountain Road SE of Ashland, Jackson County, Oregon on X-15-72 by Ellen M. Benedict.

*Pilactium benedictae* differs from *P. summersi* by the setate area of the first visible tergite being much wider, the setate area of sternite VI more compact and closer to the apical margin, and by the longitudinal row of specialized setae laterally on sternites II and III. Genitalic differences are also present.

### Literature Cited

- Grigarick, A.A. and R.O. Schuster. 1970. A new genus in the tribe Euplectini. Pan-Pacific Entomol. 46:36-39.



Figs. 1-3. *Pilactium benedictae* Grigarick and Schuster, new species. Fig. 1. Male genitalia dorsal. Fig. 2. Male sternite VI. Fig. 3. First visible tergite.